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## FAX TRANSMITTAL SHEET

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Date:	September 30, 2005	From:	James H. Ackley Reg. No. 45,695
To:	Mail Stop AMENDMENT Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450	Docket:	2000-022R1
		Fax No:	(571) 273-8300

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Number of pages included in this fax: 70

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In re Application of:	Bergh et al.	Confirmation No.	4042
Serial No.:	09/801,390	Group Art Unit:	1743
Filed:	3/7/01	Examiner:	Soderquist, A.
For:	Parallel Flow Process Optimization Reactor		

Dear Sir:

Enclosed please find copies of the following documents to be filed regarding the above identified patent application:

- Transmittal (3 pages in duplicate)
- Amendment C (62 pages)
- Petition for Extension of Time (1 page)

Please enter these into the file and contact us if necessary.

Respectfully Submitted,  
James H. Ackley  
Reg. No. 45,695

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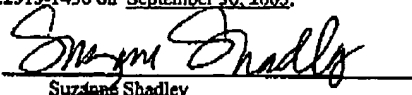
SEP 30 2005

Docket No. 2000-022R1  
PATENT

## CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office at facsimile number (571) 273-8300 addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 30, 2005.

BY:

  
Suzanne ShadleyIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Bergh et al.	Confirmation No.	4042
Serial No.:	09/801,390	Group Art Unit:	1743
Filed:	3/7/01	Examiner:	Soderquist, A.
For:	Parallel Flow Process Optimization Reactor		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Transmitted herewith (check all that apply):

- |  |  |
|--|--|
| <input type="checkbox"/> Preliminary Amendment             | <input type="checkbox"/> Information Disclosure Statement          |
| <input checked="" type="checkbox"/> Response/Amendment C   | <input type="checkbox"/> Petition Under 37 CFR 1.97(d)(2)          |
| <input type="checkbox"/> Response/Amendment After Final    | <input type="checkbox"/> Formal Drawings                           |
| <input type="checkbox"/> Supplemental Amendment            | <input type="checkbox"/> Declaration Under 37 CFR 1.131            |
| <input type="checkbox"/> Affidavits/Declarations           | <input type="checkbox"/> Declaration Under 37 CFR 1.132            |
| <input type="checkbox"/> Declaration and Power of Attorney | <input type="checkbox"/> Terminal Disclaimer                       |
| <input type="checkbox"/> Supplemental Declaration          | <input type="checkbox"/> Small Entity Statement                    |
| <input type="checkbox"/> Power of Attorney                 | <input type="checkbox"/> Request for Refund                        |
| <input type="checkbox"/> Change of Correspondence Address  | <input type="checkbox"/> Appeal                                    |
| <input type="checkbox"/> Associate Power of Attorney       | <input checked="" type="checkbox"/> Petition for Extension of Time |
| <input type="checkbox"/> Response to Missing Parts         | <input type="checkbox"/> Issue Fee Transmittal                     |

to be filed in the above-identified patent application.

Application No. 09/801,390

Docket No. 2000-022R1  
**PATENT****TOTAL AMOUNT OF PAYMENT: \$ 60.00**  
**METHOD OF PAYMENT**

The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 50-0496

Deposit Account Name: Symyx Technologies, Inc.

**RECEIVED**  
**CENTRAL FAX CENTER****SEP 30 2005**☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☐ Charge the Issue Fee Set at 37 CFR 1.18 at the Mailing of the Notice of Allowance**FEE CALCULATION****1. EXTRA CLAIM FEES**

		Extra Claims		Fee from below		Fee Paid
Total Claims		-20** =		X		
Independent Claims		-3** =		X		
Multiple Dependent Claims (first appearance) \$360/180						

\*\*or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	50	2202	25	Claims in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	360	2203	180	Multiple dependent claim, if not paid
1204	200	2204	100	**Reissue independent claims over original patent
1205	50	2205	25	**Reissue claims in excess of 20 and over original patent
				<b>SUBTOTAL (2) (\$)</b>

Application No. 09/801,390

Docket No. 2000-022R1  
**PATENT****2. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	60.00
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1,100	2503	550	Plant issue fee	
1462	400	1462	400	Petitions to the Director not specifically provided for (Group I)	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Statement	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)					
<b>SUBTOTAL (3) (\$)</b>					<b>60.00</b>

\*Reduced by Basic Filing Fee Paid

Date:

9/30/05

Respectfully submitted,

James H. Ackley  
Reg. No. 45,695  
Attorney for Applicant(s)Symyx Technologies  
3100 Central Expressway

Santa Clara, California 95051 Tel.: (408) 720-2598 Fax: (408) 773-4029